

1 **What is claimed is:**

2 1. A lens/frame assembly for swimming goggles, comprising:

3 a frame made of rigid material with slight flexibility, the frame  
4 comprising a lens-holding compartment having a bridge portion in a  
5 middle thereof;

6 *Sol* two lenses received in the lens-holding compartment of the frame; and

7 a connecting block securely received in the bridge portion of the  
8 lens-holding compartment and securely mounted to the frame to thereby  
9 securely retain the lenses in place.

10 2. The lens/frame assembly as claimed in claim 1, wherein the bridge portion  
11 of the frame comprises two engaging pieces respectively formed on an  
12 upper wall and a lower wall of the bridge portion, each said engaging  
13 piece including an engaging hole, the connecting block comprising two  
14 pegs each having a snapping head having a diameter slightly greater than  
15 an inner diameter of an associated one of the engaging holes, the snapping  
16 head being compressed inward when it is passing through the associated  
17 one of the engaging holes, the snapping head restoring its shape after it has  
18 passed through the associated one of the engaging holes. (Fig. 7)

19 3. The lens/frame assembly as claimed in claim 2, further comprising a  
20 connecting plate securely attached between the lenses. (Fig. 7)

21 4. The lens/frame assembly as claimed in claim 1, comprising a connecting  
22 plate securely attached between the lenses, the connecting plate  
23 comprising two first engaging holes, the bridge portion of the frame  
24 comprising two engaging pieces respectively formed on an upper wall and  
25 a lower wall of the bridge portion, each said engaging piece including a  
26 second engaging hole, the connecting block comprising two pegs each

1 having a snapping head having a diameter slightly greater than an inner  
2 diameter of an associated one of the first engaging holes, the snapping  
3 head being compressed inward when it is passing through an associated  
4 one of the second engaging holes and the associated one of the first  
5 engaging holes, the snapping head restoring its shape after it has passed  
6 through the associated one of the first engaging holes. (Fig. 6)

7 5. The lens/frame assembly as claimed in claim 1, further comprising a  
8 connecting plate securely attached between the lenses, the connecting  
9 plate comprising a first engaging hole, the bridge portion of the frame  
10 comprising a front engaging piece and a rear engaging piece respectively  
11 formed on a lower wall and an upper wall of the bridge portion, the front  
12 engaging piece and the rear engaging piece including aligned second  
13 engaging holes, the connecting block comprising a peg having a snapping  
14 head having a diameter slightly greater than an inner diameter of the first  
15 engaging hole of the connecting plate, the snapping head being  
16 compressed inward when it is passing through the aligned second  
17 engaging holes and the first engaging hole, the snapping head restoring its  
18 shape after it has passed through the first engaging hole of the connecting  
19 plate. (Fig. 8)

20 6. The lens/frame assembly as claimed in claim 1, further comprising a  
21 connecting plate securely attached between the lenses, the connecting  
22 plate comprising two first engaging holes, the bridge portion of the frame  
23 comprising two engaging pieces respectively formed on an upper wall and  
24 a lower wall of the bridge portion, each said engaging piece including a  
25 second engaging hole, the connecting block comprising two pegs, each  
26 said peg being extended through an associated one of the second engaging

1 holes and then engaged in an associated one of the first engaging holes.  
2 (Fig. 5)

3 7. The lens/frame assembly as claimed in claim 1, further comprising a  
4 connecting plate securely attached between the lenses, the connecting  
5 block comprising two first engaging holes, the bridge portion of the frame  
6 comprising two engaging pieces respectively formed on an upper wall and  
7 a lower wall of the bridge portion, each said engaging piece including a  
8 second engaging hole, the connecting plate comprising two pegs, each said  
9 peg being extended through an associated one of the second engaging  
10 holes and then engaged in an associated one of the first engaging holes.  
11 (Fig. 9)

12 8. The lens/frame assembly as claimed in claim 1, wherein the bridge portion  
13 of the frame comprises two engaging pieces respectively formed on an  
14 upper wall and a lower wall of the bridge portion, each said engaging  
15 piece including a peg, the connecting block comprising two engaging  
16 holes, each said peg being extended through an associated one of the  
17 engaging holes of the connecting plate. (Fig. 10)

18 9. The lens/frame assembly as claimed in claim 8, further comprising a  
19 connecting plate securely attached between the lenses. (Fig. 10)

20 10. A pair of swimming goggles comprising:

21 a frame made of rigid material with slight flexibility, the frame  
22 comprising a lens-holding compartment having a bridge portion in a  
23 middle thereof;

24 two lenses received in the lens-holding compartment of the frame,  
25 each said lens including a flange for engaging with the lens-holding  
26 compartment;

1 a connecting block securely received in the bridge portion of the  
2 lens-holding compartment and securely mounted to the frame;

3 a padding member engaged with the lenses; and

4 a head strap having two ends attached to two sides of the frame;

5 wherein the bridge portion of the frame is pullable to allow insertion  
6 of the lenses into the lens-holding compartment and to allow engagement  
7 of the flange of each said lens with the lens-holding compartment, and  
8 wherein the flange of each said lens is tightly received in the lens-holding  
9 compartment of the frame.

10 11. The lens/frame assembly as claimed in claim 10, wherein the bridge  
11 portion of the frame comprises two engaging pieces respectively formed  
12 on an upper wall and a lower wall of the bridge portion, each said  
13 engaging piece including an engaging hole, the connecting block  
14 comprising two pegs each having a snapping head having a diameter  
15 slightly greater than an inner diameter of an associated one of the  
16 engaging holes, the snapping head being compressed inward when it is  
17 passing through the associated one of the engaging holes, the snapping  
18 head restoring its shape after it has passed through the associated one of  
19 the engaging holes. (Fig. 7)

20 12. The lens/frame assembly as claimed in claim 11, further comprising a  
21 connecting plate securely attached between the lenses. (Fig. 7)

22 13. The lens/frame assembly as claimed in claim 10, comprising a connecting  
23 plate securely attached between the lenses, the connecting plate  
24 comprising two first engaging holes, the bridge portion of the frame  
25 comprising two engaging pieces respectively formed on an upper wall and  
26 a lower wall of the bridge portion, each said engaging piece including a

23  
1 second engaging hole, the connecting block comprising two pegs each  
2 having a snapping head having a diameter slightly greater than an inner  
3 diameter of an associated one of the first engaging holes, the snapping  
4 head being compressed inward when it is passing through an associated  
5 one of the second engaging holes and the associated one of the first  
6 engaging holes, the snapping head restoring its shape after it has passed  
7 through the associated one of the first engaging holes. (Fig. 6)

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8 14. The lens/frame assembly as claimed in claim 10, further comprising a  
9 connecting plate securely attached between the lenses, the connecting  
10 plate comprising a first engaging hole, the bridge portion of the frame  
11 comprising a front engaging piece and a rear engaging piece respectively  
12 formed on a lower wall and an upper wall of the bridge portion, the front  
13 engaging piece and the rear engaging piece including aligned second  
14 engaging holes, the connecting block comprising a peg having a snapping  
15 head having a diameter slightly greater than an inner diameter of the first  
16 engaging hole of the connecting plate, the snapping head being  
17 compressed inward when it is passing through the aligned second  
18 engaging holes and the first engaging hole, the snapping head restoring its  
19 shape after it has passed through the first engaging hole of the connecting  
20 plate. (Fig. 8)

21 15. The lens/frame assembly as claimed in claim 10, further comprising a  
22 connecting plate securely attached between the lenses, the connecting  
23 plate comprising two first engaging holes, the bridge portion of the frame  
24 comprising two engaging pieces respectively formed on an upper wall and  
25 a lower wall of the bridge portion, each said engaging piece including a  
26 second engaging hole, the connecting block comprising two pegs, each

1 said peg being extended through an associated one of the second engaging  
2 holes and then engaged in an associated one of the first engaging holes.  
3 (Fig. 5)

4 16. The lens/frame assembly as claimed in claim 10, further comprising a  
5 connecting plate securely attached between the lenses, the connecting  
6 block comprising two first engaging holes, the bridge portion of the frame  
7 comprising two engaging pieces respectively formed on an upper wall and  
8 a lower wall of the bridge portion, each said engaging piece including a  
9 second engaging hole, the connecting plate comprising two pegs, each said  
10 peg being extended through an associated one of the second engaging  
11 holes and then engaged in an associated one of the first engaging holes.  
12 (Fig. 9)

13 17. The lens/frame assembly as claimed in claim 10, wherein the bridge  
14 portion of the frame comprises two engaging pieces respectively formed  
15 on an upper wall and a lower wall of the bridge portion, each said  
16 engaging piece including a peg, the connecting block comprising two  
17 engaging holes, each said peg being extended through an associated one of  
18 the engaging holes of the connecting plate. (Fig. 10)

19 18. The lens/frame assembly as claimed in claim 17, further comprising a  
20 connecting plate securely attached between the lenses. (Fig. 10)